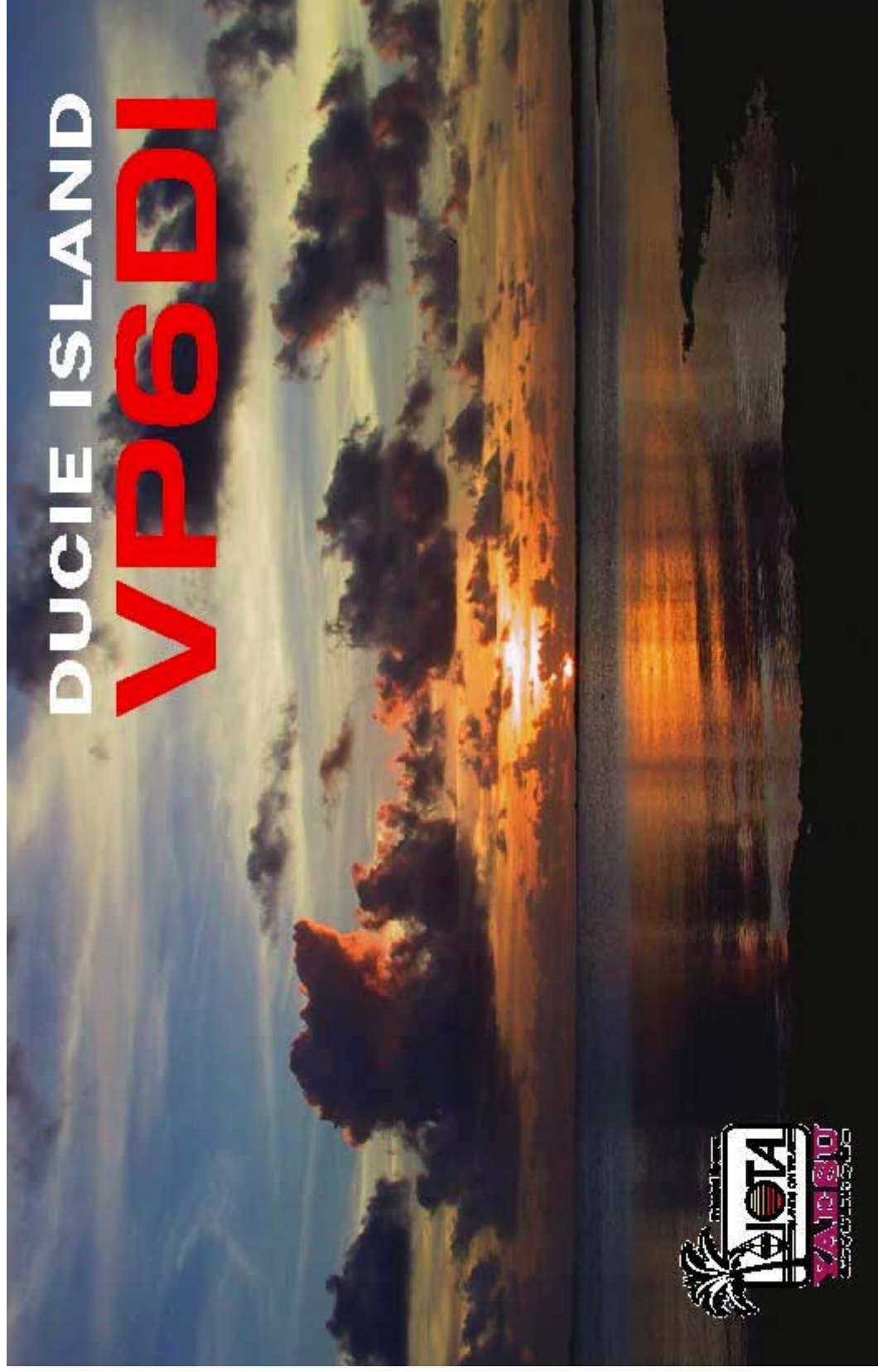




southern california dx club

JUNE 2002



Soap Box— Words from our President

by KJ6Y

It's been a little over a month since the Visalia Convention, and I hope all are recovered. I had a great time as always and it was a huge success. Don should be giving us a full report when he returns from his vacation. Thanks to all the volunteers who helped out with all the planning and organizing. A special thanks to Herb, KG6OK, your



VP, for doing such a great job on the prizes and being chosen DXer of the year. If you didn't win a prize, it wasn't because there weren't enough of them.

I just returned from my trip to Dayton Hamvention with Rich, W6VX. We had a wonderful time. Went to the DX Dinner on Friday night and was able to see and meet many DXers from around the country and world. Sat with several members from the Kansas City DX Club. The program was the same as the Visalia dinner, so had a chance to rest through that part. After several awards and the prizes were passed out we went to several of the hospitality suites that were open in the hotel. We meet more DXers and expeditioners from around the country. There was a pretty good showing from the West

Coast. Saw several club members at the dinner and the next 2 days at the venue. I don't know what the attendance was, but they were 10 deep at the AES booth trying to buy radios that were deeply discounted. Picked up an IC-706 for my friend Peter and Rich bought a Kenwood handheld. Carl and Cathy were working the US Tower booth

and there always seemed to be a group around them also. There was a live Internet broadcast from Kenwood and I got grabbed for an interview on Saturday. I would recommend that every Ham should to Dayton at least once in their Ham radio career.

Those of you who were at the picnic know what a good time it was. Rich and Pat again did a wonderful job of organizing. Setting up the tables with cloths, getting the BBQs going and helping with the cooking were Carl, Cathy, Keith and myself. Congratulations to Ernie, N6HY on winning the Icom 706 and to the other prizewinners. The food was terrific, and if you missed it we had Tri Tip and Chicken.

This month is the annual "Anchors Aweigh" auction. Bring your good, no longer needed gear to the meeting and we'll auction it off. The club gets 10% of the selling price. We hope to have Neil, K6SMF again as our auctioneer.

Rosters

Printed copies of the 2002 club roster will be available at the club meeting.

If you cannot be there and want a copy please send an e-mail to: membership@scdxc.org



W6RVA wanted you see an XYL friendly "Shack."

Front Cover

We thank JA1BK for the art of the VP6DI QSL.. Kan tells us that he hopes to be distributing the cards as early as Dayton!. Get yours yet?

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held June 13, 2002 at Syd Kronenthal Park in Culver City. The park is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot. Please do not park in the school lot.

The 'Anchors Aweigh' auction will be the main event at the June meeting. Bring your good, no longer used ham equipment and we'll auction it off. The club gets 10%.

See ya there!

The Veeeeeep Speaks

Thanks to all that attended the picnic last month! We had a great turn out of club members and families that came out for a great time. The location was great, the weather was perfect, and the food was super! Thanks to Rick – W6VX and Pat for taking on the responsibility for setting everything up, and to everyone that helped out with the great food we had. Also, congratulations to Ernie, N6HY who won the ICOM IC-706MKII-G, and to all of the other prize winners. We had some great prizes, and a lot of guys walked away with some great stuff.

QRZ All! This month's club meeting will be our Anchor's Away Night. This is a great opportunity to clear out the shack of items that you no longer use or want and bring it to the club meeting to be auctioned off. We have done



de Herb KG6OK

this each year for the past few years, and it is always amazing at some of the great stuff that the members bring in for the auction. So, look around the shack, and bring your radios, accessories, and other goodies to the meeting for a fun night of auctioning off your stuff!!

I am still looking for interesting programs and speakers for the rest of the year. Please let me know if you are interested in presenting to the club, or if you know if someone that could speak to the club on an interesting topic.

Looking forward to seeing everyone at the next meeting! 73 and good DXing till then!

73 for now de Herb / KG6OK –

Force 12 SIGMA-5

Force 12 announced a new antenna at the convention. It is the SIGMA-5 designed to be used when CC&Rs are not favorable to Ham antennas. This guy looks sort of like a TV antenna and offers full coverage of the **20-17-15-12-10 Meter bands**.

This guy complements the flag pole antennas that have been in their line for some time.

QSL Bureau Address

The ARRL Sixth (6th) District DX QSL Bureau is:

P.O. Box 530
Weed, CA, 96094-0530

A full explanation of the service can be found on the internet at:

<http://www.kqlz.com/qslbureau6.html>

Propagation—June 2002

by Shel, W6EL

These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month.

Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 172, corresponding to a sunspot number of 134, and an average geomagnetic



field are assumed.

Sunrise/sunset times are at the DX location. All times are UTC. Good luck and good DX from Shel, W6EL.

VP8 Falkland Islands - 6/15 to 6/22 - Beam 147 degrees
Sunrise/sunset (on 6/19)
1204/1948
80 0530-1030.
40 0330-1130.
20 0130-1300.
15 1200-1700 and 2130-0230.

FP St. Pierre & Miquelon - 6/21 to 6/23 - Beam 55 degrees
Sunrise/sunset (on 6/22)
0800/2334
80 0400-0800.
40 0300-0900.

20 0000-1230.

FG Guadeloupe - 6/22 to 7/12 - Beam 94 degrees
Sunrise/sunset (on 7/2)
0942/2237
80 0530-0900.
40 0330-0930.
20 0100-1130.
15 All day.

CY9 St. Paul Island - 6/29 to 7/8
Beam 55 degrees
Sunrise/sunset (on 7/4)
0820/2350
80 0500-0800.
40 0300-0930.
20 2300-1330.

ON/K6YRA

Here are some photos taken when K6YRA visited ON4CFC in Tienen, Belgium. Al was QRV briefly on 15/17meters.

QSOs: W6OK, KJ6Y, W6EGZ, WA6TLA, WB6RSE, W6IRD, K6YUI, K6VX, W6VX, W6ED.

Al says "Thanks to Pascal and Marlene and Glenn for their hospitality. We had a great time.



Spotting Derby

de K6EXO



The scores published this month are for two months as we did not have room in the last issue. You are aware that during this period we have had severe network problems. (Hardware is getting old) So I was forced to cut put the dates when the net was dead or only marginally up. Also, I eliminated a few listings — one station had spotted VP6DI 122 times.

We all hope the cluster will be fixed and will soon be as reliable as it once had been.

Here we go:

Spotter	Spots	Score
WB6RSE	30	114
W6VX	30	72
WA6TLA	16	68
K2PLF	22	52
K6YRA	7	41
KG6OK	7	34
AD6KQ	11	32
N6IC	14	28
W6SR	7	17
WA5VGI	7	16
W6LAX	7	14
KJ6Y	5	14
W6TG	6	13
W6TZD	2	13
KC6X	2	11
K6YUI	2	9
K6IRA	7	8
W6KK	2	7
K6EXO	3	6
W6Y00	1	7
N6HC	3	6
KC6T	3	5
K6JW	3	4
W06M	1	1
W6RW	2	0
K6SY	1	0

CYCLES

Novice CW bands may go away.

ARRL has petitioned the FCC to eliminate the HF novice bands and expand the phone bands on 80 and 40 meters.

I suppose it is time to retire those old Xtals too!

NEEDED

The SCDXC Newsletter Needs Your input.
Pictures.

Stories

QSLs

Is there a webpage you have found interesting?

Vacation with your ham gear?

SEND IT IN AND SHARE THE "ENJOY"



We visit the “shack” of KH6DX/mobile



Don, KH6DX/m, is a recent addition to the SCDXC. His considerable accomplishments in building equipment and working DX are worth reading about.

Don tells us: “The QTH is a 1995 Dodge Diesel Pick Up Truck Mobile. On the rear is mounted a homebrew Screwdriver whip antenna with the 160M Aux coil attached. The whip along side is for 10M and it is attached to the screwdriver at the base so only one feedline is used.

On the cab roof is a 160/80M coaxial loop antenna for receive. It can be rotated from inside the cab at the operations position. It is used to reduce noise and QRM from unwanted directions.

Also on the roof is a 2M $\frac{1}{4}$ wave whip for use with the 2M FM transceiver which is used to receive DX Spots from the local node.

In the bed is a modified tool box which houses the amplifiers, antenna tuner and other remote equipment. Not visible under the bed cover are the battery box which contains two 1200 AH batteries in parallel used for the amplifiers and one 800AH used for the transceiver and accessories. At the antenna base is a box containing the matching network and the motor control circuits for raising and lowering the antenna.

Under the hood is a 200 AMP Alternator which runs to a RF Filter and a Diode Isolation circuit so I can charge all



batteries but using the radio will not discharge the engine starter batteries.

This is a photo of the Ten Tec OMNI VI Transceiver. It's big but works very well as a mobile. Below that is my MFJ DSP Audio filter. This is used to give a very sharp bandpass. It also has a very good noise floor reduction circuit which works very well to reduce the noise floor by about 10 dB. Above is my P-3000 Power and SWR meter, The antenna control panel, the control for the Remote amplifiers and Bandpass filters. The Inverter on/off switch. A Map light used when I am using the station in the dark. To the left you can see my Lap Top PC used for logging and contesting. It also mates with a GPS receiver mounted on the dash to give a map display of where I am headed.

On the fold down arm rest are mounted my keyer, Paddle and the most commonly used controls such as tx/rx, Amp in/out, Auto message start switch, ETC. I also have a paper pad for logging on the move which are later transferred to the PC. Not visible under the seat is a 12v to 110 Vac inverter which is used to power the Laptop and a Switching 12 Vdc power supply. This is used to power the transceiver and accessories. This is done in order to maintain a 13.8V supply to these items even when the battery output power has

(Continued on page 7)



POSTAL RATES

Domestic U.S. Postal rates will be increasing three cents to 37 cents on June 30. Additional ounces will remain at 23 cents.

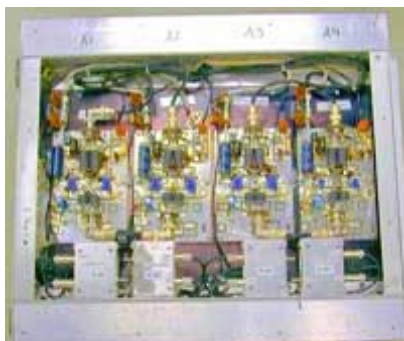


(Continued from page 6)

sagged to 10VDC. This enables me to sit for hours on mountain tops without having to run the engine to recharge the batteries.

Not visible is a control and junction box mounted behind the seat here all cab mounted items are interfaced with the rear tool box items.

I have also run large ducting from the truck air conditioner to the tool box for cooling the amplifiers in warm weather and heat can be run in to the box when it is cold. I don't normally need the heat because the amplifiers produce plenty of heat already.



My screwdriver whip antenna using a 2" copper pipe with a motor inside to drive the coil up and down. The amount of coil which protrudes out of the pipe determines the resonance of the antenna. Finger stock ensures a good contact at that point.

Above the coil is my AUX 160M coil in place.

Then on top is my 8-foot whip with two top hat wires. You can see these wires are actually loops and there is a loop at the top of the whip also. These loops are there to eliminate Corona discharge while keying at High power levels.

Along side is another 8 foot whip used for 10M because the screwdriver is about 4 foot long and will not resonate to the 10 meter band even when it is all



2003 DX Convention

The 2003 International DX convention, presented by the Northern California DX Club, will be held on May 2/3 2003, at the Holiday Inn Visalia.

The Holiday Inn will begin accepting reservations June 11, 2002 after 8:00am PST. For reservations call 800-465-4329 or Fax: 559-651-5014

the way down. This whip is attached to the bottom of the 2" copper pipe so only one feed line is needed.

So you asked if all this stuff really works. You bet!

I have WAS on 160 thru 10M except the WARC bands where I have all worked but not all cards received.

I have worked WAC on all 9 bands. and DXCC on all bands except for 12M and 160M where I now have 83 countries.

I have WAZ and am working on that for each band. I have 27 Zones on 160M so far.

My favorite band is topband because of the challenge of using a mobile. In all the years I have been on 160M I have only worked two mobiles and they got on after I worked them at home just to see if they could do it.



Greetings

from Edisher Giorgadze,
P5/4L4FN, Pyongyang, North Ko-
rea.

I have now returned to North Korea after my short recreation trip to other parts of Asia. During my stop-over in Beijing, PRC I was delighted to collect another item to my radio station which may help me to bring my signals to those parts of the world that are more difficult to reach from North Korea.

This is an Ameritron AL80A amplifier that was donated to me by Martti Laine, OH2BH, Bernie McClenny, W3UR and Al Baker, W5IZ whom I thank very kindly.

I am also very thankful for Jari, OH2BVE and his staff at the Nokia office in Beijing who made a special effort to clear the unit through complicated custom procedures in China.

I'd put the amp on last night for the first time with Dave, K4SSU, and while my 100W signal was S5 to 6, turning the amp on made Dave to copy me 10db over S9. So the unit works well and generates lot more RF power from the skylines of Pyongyang.

Following the fact that I am now fully accredited by the ARRL, a full-color QSLs were released as of last week by my hard working QSL manager, Bruce Paige, KK5DO.

Furthermore, I have extended my contract in North Korea until June, 2003 thus these are the best news can produce to the DX community.

Now I am ready for more P5 QSOs, Are you? And the motto here

Good News

for ham radio. The FCC has proposed going along with ARRL's request for a new domestic (US-only), secondary HF allocation at 5.25 to 5.4 MHz. The FCC also is ready to permit operation on a 136-kHz "sliver band" in the low-frequency (LF) region. And, in response to a third ARRL request, the FCC has proposed elevating Amateur Radio to primary status at 2400 to 2402 MHz.

CC&R Relief ????

A bill has been introduced in Congress that could provide relief to amateurs prevented by private deed covenants, conditions and restrictions--CC&Rs--from installing outdoor antennas. The measure is aimed at preventing private land-use rules from "unreasonably interfering with" the installation and use of "appropriate antenna structures" for amateurs.

The measure contains but one sentence: "For purposes of the FCC regulation relating to station antenna structures in the Amateur Radio Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

It is important for all of us to write or call our congressman and voice support of this measure.

Visit the US House of Representatives "Write Your Representative Service" Web page
<http://www.house.gov/writerep/>
for information on how to contact your representative.

URGENT!!

The Newsletter needs your photos and QSL cards.

If you have a story—a question—an opinion—the NEWSLETTER wants to publish it!

Send stuff to the editor at
K6EXO@arrl.net

SETI

The Internet address for the SETI homepage is:<http://setiathome.ssl.berkeley.edu/index.html>

Beacons

Are you aware the NCDXF, in cooperation with the IARU, constructed and operates a worldwide network of high-frequency radio beacons on 14.100, 18.110, 21.150, 24.930, and 28.200 megahertz. These beacons help both amateur and commercial high-frequency radio users assess the current condition of the ionosphere. The entire system is designed, built and operated by volunteers at no cost except for the actual price of hardware components, shipping costs, and so on.

W6ELprop

The latest version of the W6EL propagation program is 2.6. It is available, without cost, at the following internet address.
<http://www.qsl.net/w6elprop/>

E-MAIL VIRUSES

The virus season is here. More and more are being seen on e-mail. It is no longer true that you have to open an attachment to be infected. Just opening the message may be enough. Use a virus detector and KEEP IT UP TO DATE. New signature files are being published almost daily.

Who We Are

The SCDXC Newsletter is published monthly by the Southern California DX Club and is e mailed to all club members.

Please notify the editor if you do not receive your newsletter, have a change of address, or have found an error.

Please direct all submissions to the editor.

The SCDXC generally permits re-use of any article in the Newsletter as long as the newsletter and the article's author are credited. However, some articles are copyrighted by the author. Please contact the editor.

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RESERVED

This space is available for your Ham related ad.

There is no charge for SCDXC members.

Commercial ads (limited to Ham Radio) are also accepted. Send Email for fees.

STUFF TO BE SOLD

On June 13, 2002 at the meeting of the SCDXC there will be 100 pounds of STUFF in all colors and in all sizes. For sale to the HIGHEST BIDDER!.

We will accept CASH. We will accept CHECKQUES.

You will find bargains and oddities galore.

Come early. NO FOOD will be served so eat beforehand.

Everything to be sold will be real guaranteed STUFF.



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SCDXC Dues are \$18.00 per year, make checks payable to SCDXC